

**Amendments to the Claims:**

Please amend the claims as follows. This listing of claims will replace all prior versions and listings of claims in the application:

**Listing of claims:**

1. (Currently Amended) A composite electrical collector, for use in transferring electricity to or from a conductor and to make sliding contact with the conductor, the collector comprising a metal mesh embedded in a tribologically acceptable matrix selected from the group consisting of:-
  - non metal-impregnated carbon materials,
  - coke/graphite/resin composites,
  - ceramic materials,
  - carbon/ceramic mixes and
  - high temperature thermoplastics loaded with appropriate fillers.
2. (Currently Amended) A composite electrical collector as claimed in Claim 1, in which the tribologically acceptable matrix additionally comprises one or more additives selected from the group consisting of:-
  - strengthening and/or electrically conductivity improving fibres;
  - thermally conductive materials;
  - electrically conductive fillers;
  - abrasive materials;
  - lubricants and
  - antioxidants.

3. (Currently Amended) A composite electrical collector as claimed in Claim 1 ~~or Claim 2~~, in which the carbon based material is a coke/graphite/resin mix.
4. (Currently Amended) A composite electrical collector as claimed in ~~any one of Claims 1 to 3~~ Claim 1, in which the metal mesh is a copper mesh.
5. (Currently Amended) A composite electrical collector as claimed in ~~any one of Claims 1 to 4~~ Claim 1, in which the metal mesh embedded in a tribologically acceptable matrix consists of a pressed laminated body of coke/graphite/resin matrix material and metal mesh.
6. (Currently Amended) A composite electrical collector as claimed in ~~any one of Claims 1 to 5~~ Claim 1, in which one or more non-metallic strengthening web layers are provided in addition to the metal mesh.
7. (Original) A composite electrical collector as claimed in Claim 6, in which the non-metallic strengthening web layers are distributed non-uniformly within the body of the collector.
8. (Currently Amended) A composite electrical collector as claimed in ~~any one of Claims 1 to 7~~ Claim 1, in which the metal mesh comprises a plurality of metal meshes embedded in the tribologically acceptable matrix.
9. (Original) A composite electrical collector as claimed in Claim 8, in which the plurality of metal meshes are distributed non-uniformly within the body of the collector.
10. (Currently Amended) A composite electrical collector as claimed in ~~any one of Claims 1 to 9~~ Claim 1, in which the metal mesh is disposed non-perpendicular to a conductor contacting face of the collector.
11. (Currently Amended) A method of making a composite electrical collector as claimed in ~~any preceding claim~~ Claim 1 in which layers of matrix material and metal mesh are pressed together to form a laminated structure without a metal impregnation step.

12. (Original) A method, as claimed in Claim 11, in which the laminated structure is raised to an elevated temperature after or during pressing.
13. (Original) A method, as claimed in Claim 12, in which the laminated structure is kilned under an inert atmosphere.
14. (Currently Amended) A method, as claimed in ~~any one of Claims 11 to 13~~Claim 11, in which the laminated structure is resin impregnated after forming.
15. (Currently Amended) An electrically powered vehicle drawing current from a conductor by a collector as claimed in ~~any one of Claims 1 to 10~~Claim 1.